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PTO/SB/08A (10-98)

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>			Application Number 09/749,286		
			Filing Date December 26, 2000		
			First Named Inventor Gene R. Anderson		
			Group Art Unit 2878		
(use as many sheets as necessary)			Examiner Name Pyo, Kevin K.		
Sheet	1	of	1	Attorney Docket Number	1613370-0009

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
PKK		US-5,226,052	07-06-1993	Tanaka et al.	
PKK		US-5,907,571	05-25-1999	Ogino et al.	

FOREIGN PATENT DOCUMENTS					
Examiner Initials <sup>3</sup>	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
PKK		WO 97 25638 A3	07-17-1997	Siemens	
		WO 97 25641 A3	07-17-1997	Siemens AG	
		EP 0 790 678 A3	08-20-1997	Alcatel	
		JP 10 126002	08-31-1998	Matsushita	
		EP 0 899 592 A1	03-03-1999	Robert Bosch	
		EP 0 607 700 B1	08-25-1999	Sharp	
		WO 00 13051 A1	03-09-2000	Digital Optics	
		EP 0 974 856 A2, A3	11-02-2000	Honeywell	

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS					
Examiner Initials <sup>3</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T <sup>2</sup>

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PTO/SB/08A (10-96)

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		Application Number	09/749,286
		Filing Date	December 26, 2000
		First Named Inventor	Gene R. Anderson et al
		Group Art Unit	2878
(use as many sheets as necessary)		Examiner Name	Pyo, Kevin K.
Sheet	1	of	1
		Attorney Docket Number	1613370-0009

U.S. PATENT DOCUMENTS					
Examiner Initials *	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
PKL		US - 4,563,725	01-07-1986	Kirby	
	↑	US - 4,730,198	03-08-1988	Brown et al.	
	↑	US - 5,214,444	05-25-1993	Kerr et al.	
	↓	US - 5,539,848	07-23-1996	Galloway	
	↓	US - 5,879,173	03-09-1999	Poplawski et al.	
	↓	US - 5,963,693	10-05-1999	Mizue et al.	
	↓	US - 6,040,624	03-21-2000	Chambers et al.	
	↓	US - 6,170,996	01-09-2001	Miura et al.	TECHNOLOGY
	↓	US - 6,354,747	03-12-2002	Irie et al.	MAX

  

FOREIGN PATENT DOCUMENTS					
Examiner Initials *	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>3</sup>			
PKL		JP 56 111822	09-03-1981	Oki Densen	1
	↑	EP 0 440 336 A2	08-07-1991	Amphenol Corp.	2
	↓	DE 41 23 370 A1	01-21-1993	Robock	3
	↓	WO 00 46623	08-10-2000	Siemens	4
	↓	EP 1 028 341 A2	08-16-2000	Hewlett-Packard	5
	↓	WO 00 73833 A1	12-07-2000	E20 Commun.	6

  

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PKL		ROBINSON, et al., Low Cost Molded Packaging for Optical Data Links, 1994 IEEE Journal, pp. 312-316			
	↑	KIBAR et al., Power Minimization and Technology Comparisons for Digital Free-Space Optoelectronic Interconnections, 1999 Journal of Lightwave Technology, Vol. 17, No. 4, pp. 546-555			
	↓	SIMONIS et al., 1 Gb/s VCSEL/CMOS Flip-Chip 2-D Array Interconnects and Associated Diffractive Optics, 1999 Parallel Interconnect (PI '99), pp. 1-9			

  

Examiner Signature	<i>Dee Jay</i>	Date Considered	10/31/03
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